


J007 Rec'd PCT/PTO 04 APR 2005

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| U. S. PATENT AND TRADEMARK OFFICE U. S. DEPARTMENT OF COMMERCE | | ATTORNEY'S DOCKET NUMBER MC072P |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/530214 |
| INTERNATIONAL APPLICATION NO. PCT/CA03/01605 | INTERNATIONAL FILING DATE 21/10/2003 | PRIORITY DATE CLAIMED 22/10/2002 |
| TITLE OF INVENTION NITRIC OXIDE RELEASING SELECTIVE CYCLOOXYGENASE-2 INHIBITORS | | |
| APPLICANT(S) FOR DO/EO/US Zhaoyin Wang; Robert N. Young; Robert Zamboni | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].<ol style="list-style-type: none">a. <input type="checkbox"/> is attached heretob. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. | | |
| Items 11 to 20 below concern other document(s) or information included: | | |
| <ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.51 is included.13. <input checked="" type="checkbox"/> A preliminary amendment.14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with 37 CFR 1.821-1.825.18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input type="checkbox"/> Other items or information: | | |

EXPRESS MAIL CERTIFICATE
DATE OF DEPOSIT April 4, 2005
EXPRESS MAIL NO. 942959171705
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE UNITED STATES POSTAL
SERVICE AS EXPRESS MAIL "POST OFFICE TO
ADDRESSEE" BEFORE 5 P.M. ON THE ABOVE DATE IN
AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER
FOR PATENTS, WASHINGTON, D.C., 20231.
MAILED BY Don Schepers
DATE April 4, 2005 PLACE Harbor City, CA

JC06 Rec'd PCT/PTO 04 APR 2005

| U.S. APPLICATION NO. (If known, see 37 CFR 1.53) 10/530214 | | INTERNATIONAL APPLICATION NO. PCT/CA03/01605 | | ATTORNEY'S DOCKET NUMBER MC072P | | | | | | | | | | | | | | | | | | | | | |
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| The following fees are submitted: 21. <input checked="" type="checkbox"/> Basic national fee.....\$300 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....\$100 All other situations.....\$200 23. <input checked="" type="checkbox"/> Search fee Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared and provided to the Office.....\$400 All other situations.....\$500 TOTAL OF 21, 22 and 23= \$900.00 | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td>\$300.00</td> <td></td> </tr> <tr> <td>\$200.00</td> <td></td> </tr> <tr> <td>\$400.00</td> <td></td> </tr> <tr> <td>\$900.00</td> <td></td> </tr> </table> | | CALCULATIONS | PTO USE ONLY | \$300.00 | | \$200.00 | | \$400.00 | | \$900.00 | | | | | | | | | | | |
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| \$900.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Total Sheets</th> <th style="text-align: left;">Extra Sheets</th> <th style="text-align: left;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="text-align: left;">RATE</th> </tr> <tr> <td>50 - 100 = 0</td> <td>/50</td> <td>0 = 0</td> <td>X \$250.00</td> </tr> <tr> <td colspan="3"></td> <td>\$0.00</td> </tr> </table> | | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | 50 - 100 = 0 | /50 | 0 = 0 | X \$250.00 | | | | \$0.00 | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | | | | | | | | | | |
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| | | | \$0.00 | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CLAIMS</th> <th style="text-align: left;">NUMBER FILED</th> <th style="text-align: left;">NUMBER EXTRA</th> <th style="text-align: left;">RATE</th> </tr> <tr> <td>Total Claims</td> <td>20 - 20 = 0</td> <td>0</td> <td>X \$50.00</td> </tr> <tr> <td>Independent Claims</td> <td>3 - 3 = 0</td> <td>0</td> <td>X \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)</td> <td>= \$900.00</td> </tr> </table> | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total Claims | 20 - 20 = 0 | 0 | X \$50.00 | Independent Claims | 3 - 3 = 0 | 0 | X \$200.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) | | | = \$900.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | |
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| Independent Claims | 3 - 3 = 0 | 0 | X \$200.00 | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) | | | = \$900.00 | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="3"></td> <td>+</td> <td></td> </tr> <tr> <td colspan="3">TOTAL NATIONAL FEE</td> <td>=</td> <td>\$900.00</td> </tr> </table> | | | | | + | | TOTAL NATIONAL FEE | | | = | \$900.00 | | | | | | | | | | |
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| TOTAL NATIONAL FEE | | | = | \$900.00 | | | | | | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="3"></td> <td>+</td> <td></td> </tr> <tr> <td colspan="3">TOTAL FEES ENCLOSED</td> <td>=</td> <td>\$900.00</td> </tr> </table> | | | | | + | | TOTAL FEES ENCLOSED | | | = | \$900.00 | | | | | | | | | | |
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| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:20%;">Amount to be refunded:</td> <td style="width:20%;"></td> </tr> <tr> <td></td> <td>Amount to be charged:</td> <td></td> </tr> </table> | | | | | Amount to be refunded: | | | Amount to be charged: | | | | | | | | | | | | | | | | | |
| | Amount to be refunded: | | | | | | | | | | | | | | | | | | | | | | | | |
| | Amount to be charged: | | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status. | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: <div style="border: 1px dashed black; padding: 2px; display: inline-block;">Customer No. 000210</div> MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE: <u>April 4, 2005</u> PHONE #: <u>(732) 594-0182</u> | | | <div style="text-align: center;">  SIGNATURE </div> <div style="text-align: center;"> <u>Raynard Yuro</u> NAME </div> <div style="text-align: center;"> <u>45.570</u> REGISTRATION NUMBER </div> | | | | | | | | | | | | | | | | | | | | | | |